

Please type a plus sign (+) inside this box

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08A (08-00)

Approved for use through 10/31/2002 OMB 0651-0031

U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

|   |                        |                      |                   |
|---|------------------------|----------------------|-------------------|
| Substitute for form 1449A/PTO   |                        | Complete if Known    |                   |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |                        | Application Number   | 09/722,270        |
|   |                        | Filing Date          | November 28, 2000 |
|   |                        | First Named Inventor | Kazunari Tonami   |
|   |                        | Group Art Unit       | N/A               |
|   |                        | Examiner Name        | Not Yet Assigned  |
| Sheet 1 of  | Attorney Docket Number | R2184.0089/P089      |                   |

| U.S. PATENT DOCUMENTS |                          |                      |                                      |  |  |  |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|--|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |  |
|                       |                          |                      |                                      |  |  |  |
|                       |                          |                      |                                      |  |  |  |
|                       |                          |                      |                                      |  |  |  |
|                       |                          |                      |                                      |  |  |  |

| IDC-For Ref -4        |                          |                         |                     |                                      | FOREIGN PATENT DOCUMENTS                           |  |  |                |
|-----------------------|--------------------------|-------------------------|---------------------|--------------------------------------|--|--|--|----------------|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document |                     |                                      | Name of Patentee or<br>Applicant of Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>6</sup> |
|                       |                          | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |  |  |  |                |
| TK                    | A                        | JP                      | 01276969 A          |                                      | Maruyama Yuji et al.                               | 11/07/1989   |  | X              |
| TK                    | B                        | JP                      | 01130946 A          |                                      | Katayama Akihiro et al.                            | 05/23/1989   |  | X              |
| TK                    | C                        | JP                      | 03034680 A          |                                      | Miyake Nobutaka                                    | 02/14/1991   |  | X              |
| TK                    | D                        | JP                      | 03276966 A          |                                      | Ouchi Satoshi et al.                               | 12/09/1991   |  | X              |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |
|                       |                          |                         |                     |                                      |  |  |  |                |

MAS  
6/20/06

|                       |  |                    |        |
|-----------------------|--|--------------------|--------|
| Examiner<br>Signature |  | Date<br>Considered | 8/5/04 |
|-----------------------|--|--------------------|--------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.